Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034146.D
Acq On : 08 Mar 2022 11:08
Operator : CG/JU
Sample : SSTD04042
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 08 11:59:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 11:29:45 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040042

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
03/08/2022
Supervised By :Yogesh Patel
03/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	172826	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	711986	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	485696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	1056414	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.542	240	1025610	20.000	ng/ul	0.00
88) Perylene-d12	23.988	264	885568	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	56172	14.986	ng/uL	0.00
4) Pyridine-d5	3.790	84	410934	41.721	ng/ul	0.00
7) Phenol-d5	7.143	99	506419	41.028	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	275499	40.205	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	437118	41.079	ng/ul	0.00
15) 4-Methylphenol-d8	8.701	113	429333	40.865	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	217951	40.527	ng/ul	0.00
24) 2-Nitrophenol-d4	9.884	143	248117	40.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	486931	39.360	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	621931	39.864	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	1430103	38.916	ng/ul	0.00
49) Acenaphthylene-d8	14.324	160	1820036	40.665	ng/ul	0.00
54) 4-Nitrophenol-d4	14.813	143	258571	41.079	ng/ul	0.00
60) Fluorene-d10	15.618	176	1259638	39.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	260296	37.741	ng/ul	0.00
73) Anthracene-d10	17.471	188	1997560	39.103	ng/ul	0.00
81) Pyrene-d10	19.753	212	2319561	41.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.830	264	1879490	41.646	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	59943	16.293	ng/uL#	74
5) Pyridine	3.813	79	410862	40.874	ng/ul#	65
6) Benzaldehyde	7.119	77	285568	40.740	ng/ul#	78
8) Phenol	7.172	94	510427	42.358	ng/ul#	79
10) Bis(2-Chloroethyl)ether	7.407	93	404005	42.562	ng/ul#	83
12) 2-Chlorophenol	7.554	128	449512	42.564	ng/ul#	80
13) 2-Methylphenol	8.431	108	402561	42.507	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.531	45	360603	34.814	ng/ul#	80
16) Acetophenone	8.819	105	678075	41.502	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.813	70	320028	42.943	ng/ul#	77
18) 4-Methylphenol	8.766	108	436711	42.519	ng/ul	94
19) Hexachloroethane	9.089	117	184920	41.814	ng/ul#	66
22) Nitrobenzene	9.201	77	482977	41.867	ng/ul#	85
23) Isophorone	9.731	82	895721	42.115	ng/ul#	91
25) 2-Nitrophenol	9.913	139	267012	42.307	ng/ul#	74
26) 2,4-Dimethylphenol	9.972	107	512629	40.555	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.213	93	546245	42.360	ng/ul#	97
29) 2,4-Dichlorophenol	10.454	162	471706	39.701	ng/ul	92
30) Naphthalene	10.860	128	1445952	40.525	ng/ul	99
32) 4-Chloroaniline	10.960	127	629845	40.838	ng/ul	98
33) Hexachlorobutadiene	11.154	225	353274	38.712	ng/ul	97
34) Caprolactam	11.730	113	138613m	42.959	ng/ul	
35) 4-Chloro-3-methylphenol	12.083	107	471065	42.341	ng/ul#	74
36) 2-Methylnaphthalene	12.466	142	1047865	40.232	ng/ul	100

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37) 1-Methylnaphthalene	12.683	142	1068273	40.461	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.836	216	650291	40.301	ng/ul#	96
40) Hexachlorocyclopentadiene	12.819	237	445827	40.515	ng/ul	99
41) 2,4,6-Trichlorophenol	13.066	196	420741	42.686	ng/ul	99
42) 2,4,5-Trichlorophenol	13.136	196	456069	42.070	ng/ul	95
43) 1,1'-Biphenyl	13.472	154	1456951	40.696	ng/ul#	97
44) 2-Chloronaphthalene	13.513	162	1138179	40.919	ng/ul	94
45) 2-Nitroaniline	13.707	65	280084	44.729	ng/ul#	59
47) Dimethylphthalate	14.089	163	1440131	40.481	ng/ul	99
48) 2,6-Dinitrotoluene	14.201	165	307229	44.129	ng/ul#	81
50) Acenaphthylene	14.354	152	1808424	41.141	ng/ul	99
51) 3-Nitroaniline	14.524	138	291997	43.120	ng/ul#	76
52) Acenaphthene	14.695	153	1188729	40.751	ng/ul	97
53) 2,4-Dinitrophenol	14.730	184	177270	38.381	ng/ul#	67
55) 4-Nitrophenol	14.830	109	222131	38.769	ng/ul#	71
56) Dibenzofuran	15.030	168	1720582	40.163	ng/ul	91
57) 2,4-Dinitrotoluene	14.983	165	439741	43.468	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	15.254	232	396044	42.219	ng/ul#	86
59) Diethylphthalate	15.448	149	1429197	40.240	ng/ul	97
61) Fluorene	15.677	166	1432712	40.100	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.671	204	760533	39.801	ng/ul#	87
63) 4-Nitroaniline	15.683	138	283232	40.880	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.748	198	263529	39.097	ng/ul#	80
67) N-Nitrosodiphenylamine	15.877	169	1225250	39.944	ng/ul	98
68) 4-Bromophenyl-phenylether	16.560	248	458758	39.803	ng/ul#	89
69) Hexachlorobenzene	16.683	284	580362	41.518	ng/ul#	85
70) Atrazine	16.830	200	489400	38.876	ng/ul	97
71) Pentachlorophenol	17.018	266	369749	40.620	ng/ul	98
72) Phenanthrene	17.412	178	2285902	39.892	ng/ul	99
74) Anthracene	17.507	178	2322968	40.032	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.436	216	710005	42.578	ng/uL	97
76) Pentachlorobenzene	14.954	250	656532	39.801	ng/uL	98
77) Carbazole	17.771	167	2021738	39.977	ng/ul	99
78) Di-n-butylphthalate	18.342	149	2386140	40.470	ng/ul	98
80) Fluoranthene	19.424	202	2768354	43.337	ng/ul#	93
82) Pyrene	19.783	202	2794813	42.352	ng/ul#	93
83) Butylbenzylphthalate	20.677	149	1012630	43.520	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.453	252	852648	39.217	ng/ul	97
85) Benzo(a)anthracene	21.530	228	2618310	41.763	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.459	149	1471551	41.019	ng/ul#	98
87) Chrysene	21.583	228	2534193	41.166	ng/ul	99
89) Di-n-octyl phthalate	22.394	149	2256831	41.409	ng/ul	100
90) Benzo(b)fluoranthene	23.241	252	2404542	42.818	ng/ul#	98
91) Benzo(k)fluoranthene	23.294	252	2329639	44.068	ng/ul#	98
93) Benzo(a)pyrene	23.883	252	2275598	42.325	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.547	276	2383164	39.829	ng/ul	96
95) Dibenzo(a,h)anthracene	26.565	278	2054676	39.667	ng/ul	96
96) Benzo(g,h,i)perylene	27.335	276	1995127	39.480	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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